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(71)Applicant: **KAIJO CORP**

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(72)Inventor: **ISHII IWAQ**

(54)**BONDER**

(57)Abstract:

**PROBLEM TO BE SOLVED:** To shorten position locating time and operation time of a lead locator by starting image accumulation of a camera, when an XY table reaches a specified position, making the image storing time variable, and accumulating the image in short time thereby shortening the image storing time.

**SOLUTION:** When a lead frame L/F is carried onto a bonding stage 7 by means of a carrier 5, a controller 10 drives a driver 11 based on reference point information to move an image pickup unit 25 mounted on an XY table 4 to the coordinates of a

reference point on an IC chip 12. When completion of the movement is confirmed, the image pickup unit 25 delivers a command for fetching image signal to an image recognition unit 8. The image recognition unit 8 delivers an image storage start signal and an image storing time control signal to the image pickup unit 25 and delivers an illumination control signal to an illumination controller 20b. Upon receiving the image storage start signal, the image pickup unit 25 starts image storing and at the same time performs image storing based on the storing time control signal.

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